

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

9.0 CLAIMS:

9.1 I Claim the following:

- 1) (Original) A method for creating a product by stacking thin layers of substantially uniform laminating substrate (similar in nature to sheets of paper), after processing such that some portions of the material (the negative) will dissolve or weaken sufficiently to be easily removed and other portions, those treated with a chemical hardener or hardener precursor, will remain to adhere to other treated layers of substrate immediately above and below the current layer (the positive), if they exist, after subsequently exposing the resultant brick to the appropriate solvent and/or agitation to remove the untreated portions of the brick results in the product.
- 2) (Original) The claims of 1, with an additional step of treating the brick with heat, penetrating electromagnetic radiation, compression or other means of speeding or initiating the hardening process of the treated areas.
- 3) (Original) The claims of 1, using an inkjet style printer to deliver a chemical hardener to a sheet of the material to be hardened.
- 4) (Original) The claims of 1, adding pigments to the substrate, independently or with the hardener, to apply color to the finished part.
- 5) (Original) The claims of 1, with the numbers of layers being few enough to appear similar in nature to a single laminated sheet of paper.
- 6) (Original) The claims of 1, where the substrate is impregnated with a liquid resin.

- 7) (Original) The claims of 6, where the substrate is coated with a substance to facilitate reliability of the paper handling equipment.
- 8) (Original) The claims of 6, where the resin is substantially similar to Evercoat TM Fiberglass Resin or BondoTM All-Purpose Fiberglass Resin.
- 9) (Original) The claims of 6, where the incomplete substrate is substantially similar to DissolvoTM D60S.
- 10) (Original) The claims of 1, where the hardener is encapsulated in micro-spheres that are made permeable or broken by heat, cold, pressure, penetrating electromagnetic radiation (probably microwave) after the sheets of substrate have been assembled.
- 11) (Original) The claims of 1, where the 2D printing device that delivers a powder hardener such as a laser printer.
- 12) (Original) The claims of 11, where the powder consists of micro-spheres containing a liquid hardener.
- 13) (Original) The claims of 1, with sheets of resin impregnated substrate inserted between each hardener printed sheet.
- 14) (Original) The claims of 1, where each sheet of substrate is adhered into a window of a carrier sheet to facilitate effectiveness of the paper handling mechanism.
- 15) (Original) The claims of 13, where each sheet of substrate is adhered into a window of a carrier sheet to facilitate effectiveness of the paper handling mechanism, similar to that presented in Figure 1A.
- 16) (New) The claims of 1, where each sheet of substrate is coated with a chemical binding agent, after the hardener or hardener precursor has been applied to the substrate but before all of the sheets of substrate have been assembled into the brick.